

SAFETY DATA SHEET

Revision Date

24-02-2010

TRADE NAME: TRACING DYE - RED

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation

Chemical description

Leak Tracing

Synonyms

N/A

Use of the substance/preparation Tracing Dye

Company/undertaking identification

Product responsibility

BES Limited Birmingham B6 7JA

Responsible department

Technical Department

Supplier

Bes Limited

Unit 3, Junction 6 Industrial Estate

Birmingham B6 7JA

Emergency telephone

0800 801090

2. COMPOSITION / INFORMATION ON INGREDIENTS

Information on ingredients

C.I. No. (W/S)

EINCES

E123

16185

213-022-2

3. HAZARD IDENTIFICATION

No Significant Hazard

4. FIRST-AID MEASURES

Inhalation – Remove to a well ventilated area. Consult medical advice if reaction occurs

Skin Contact – Wash with water

Eye Contact – Flush with water – seek medical advice if reaction occurs

Ingestion – Do not induce vomiting, seek medical advice

Advice for the doctor – Treat symptomatically

5. FIRE-FIGHTING MEASURES

Fire extinguishing agents – Carbon Dioxide, foam, water spray

Fire/explosion hazard - None

Main combustion gas – Carbon, Nitrogen and Sulphur Oxides

Personal protection – Self contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal protection – Gloves, respiratory protection

Environmental precautions – Do not allow to contaminate water courses

Spillage procedure – Vacuum or sweep up into containers marked for disposal as chemical waste

7. HANDLING AND STORAGE

Handling

Occupational hygiene – Handle in accordance with good industrial hygiene practice and any legal requirements

Storage

Fire precautions -

Storage facilities – Store in a cool dry area with adequate ventilation

Segregation – Keep away from hazardous chemicals

Storage conditions – In common with many organic compounds in powder form it can produce flammable dust clouds in air. Take precautionary measures against static discharges. Keep containers closed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure limit values

Components with occupational exposure limits

Engineering Measures

Ensure adequate ventilation of the working area

Exposure Controls

Occupational exposure controls

General Personal Protection – Gloves, respiratory protection goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance

Form	-	Powder
Colour	-	Dark Red.
Odour	-	Odourless

Important health safety and environmental information

pH	-	(W/S) 7–8 at 1% con.
Boiling Point	-	Not applicable
Flash Point	-	Not applicable
Oxidising properties	-	Not applicable
Vapour pressure	-	Not applicable
Density	-	(W/S) 0.8–1.0.
Solubility in water	-	(W/S) 22%.
Viscosity	-	Not applicable

Other information

Melting point	-	No sharp melting point observed
Thermal decomposition	-	Not applicable
Ignition temperature	-	Not applicable

10. STABILITY AND REACTIVITY

Conditions to avoid - Damp atmosphere
Materials to avoid - Reacts with oxidising & reducing agents
Hazardous decomposition products – No information available

11. TOXICOLOGICAL INFORMATION

Acute toxicity LD50 Oral >2000mg/kg Rat
Skin irritation Non - irritant
Eye irritation Non – irritant
Skin sensitisation None known
Adverse effects in man No adverse effects reported

12. ECOLOGICAL INFORMATION

Summary Non toxic or harmful to aquatic organisms
Metal content Metal content under the ETAD recommended limits

13. DISPOSAL CONSIDERATIONS

Product disposal – Incineration, landfill, observe local regulations
Contaminated packaging – Contaminated empty containers must be disposed of as chemical waste

14. TRANSPORT INFORMATION

Transport road and rail

UN Number ADR/RID NONE
Correct technical name ADR/RID
ADR/RID Class
Packing Group

Transport air

UN Number ICAO NONE
Proper shipping name
ICAO Class
Packing Group

Transport sea

UN Number IMO NONE
Proper shipping name
IMDG Class
Packing Group

15. REGULATORY INFORMATION

Not classified as hazardous product (Chip Regulations)

CLASSIFICATION AND LABELLING

Symbol and classification

R-Phrases	NONE
S-Phrases	NONE
Contains	Amaranth
EU Guideline	E123

16. OTHER INFORMATION

Recommended restrictions on use

BES product is recommended as specified or as otherwise agreed that recommendations regarding application and relevant regulations are followed. Only trained personnel should handle chemical products and adopt sound industrial hygiene practice.